

PATENT SPECIFICATION

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COMPLETE SPECIFICATION

DRAWINGS ATTACHED

Improvements in or relating to Trays and like Open Topped Boxes

We, MONRO (GUERNSEY) LIMITED, a British Company, of Esplanade, Guernsey, Channel Islands, JOHN STEWART BROOKES, a British Subject of "Cedar Tops" Ville-au-Roi Estate, Guernsey, and FREDERICK WILLIAM WINSLOW CHANDLER, a British Subject, of 8, Lefebvre Street, St. Peter Port, Guernsey, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to trays and like open-topped boxes.

According to this invention there is provided a box of moulded construction open at the top and generally rectangular in shape, the box being formed with corner portions which project upwards beyond the tops of the sides, and with rebated portions in its bottom edge at least at the corners so that when the boxes are stacked one on the other, the upstanding corner portions of each box can engage in the rebated corner portions of the box above it.

Preferably the sides of the box are thickened at the corners.

Apertures, which are preferably of elongated shape, may be formed in the bottom of the box to provide ventilation.

An embodiment of the invention will now be described by way of example with reference to the accompanying drawings in which:

Figure 1 shows a sectional elevation of a tray,

Figure 2 shows a plan,

Figure 3 shows an end elevation,

Figure 4 shows a sectional view of one of the corner portions of the tray on the line 4-4 of Figure 2, and

Figure 5 shows how the trays are stacked.

In this embodiment, the tray is an integral

moulding and is generally rectangular in shape. The corner portions 10 of the tray project upwardly beyond the tops of the sides 11, and the bottom edge of the tray has a rebate 12 all the way round, so that when the trays are stacked one on the other as shown in Figure 5, the corner portions 10 of each tray lodge in the rebate of the tray above.

The corners where the sides and bottom of the tray meet, including the rebated bottom edge, may be radiussed internally and externally for ease of moulding and for additional strength.

The corner portions 10 of the tray are made thicker than the sides for strengthening purposes.

The bottom 13 of the tray is formed with four elongated ventilation apertures 14 extending parallel to the longer sides of the tray.

The inner faces of the sides of the box are inclined outwardly to facilitate removal of the box from the mould during manufacture.

The tray, which is particularly suitable for farm and/or horticultural produce, may be made, for example, of compressed wood pulp, paper pulp, peat, coconut fibre, vermiculite, dehydrated seaweed, sawdust, wool fibre, powdered bone, shoddy, powdered chalk, powdered carbon, of from terylene or other plastic, resin-impregnated glass fibre, or asbestos, a binder being incorporated with the material, where necessary or desirable.

WHAT WE CLAIM IS:—

1. A box of moulded construction open at the top and generally rectangular in shape, the box being formed with corner portions which project upwards beyond the tops of the sides, and with rebated portions in its bottom edge at least at the corners so that when the boxes are stacked one on the other, the upstanding corner portions of

each box can engage in the rebated corner portions of the box above it.

2. A box as claimed in claim 1, wherein the sides of the box are thickened at the 5 corners.

3. A box as claimed in claim 1 or claim 2, wherein apertures are formed in the bottom of the box.

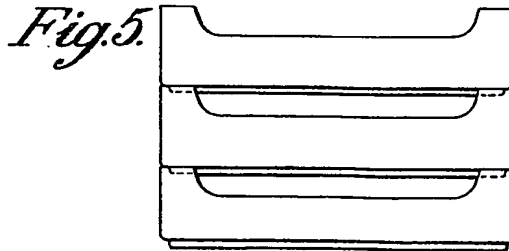
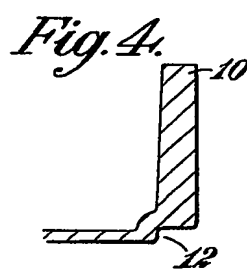
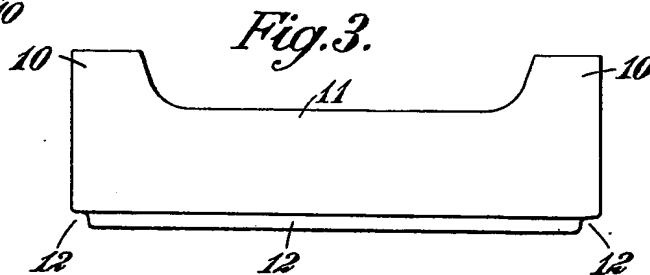
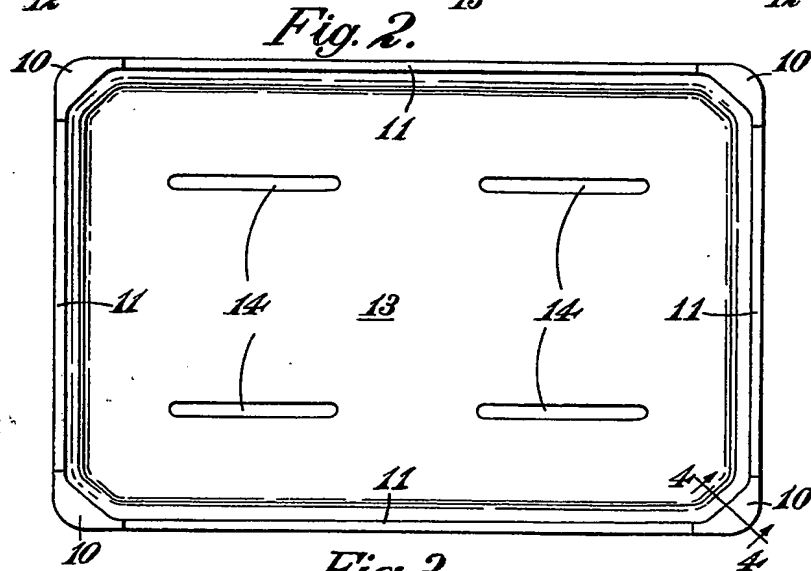
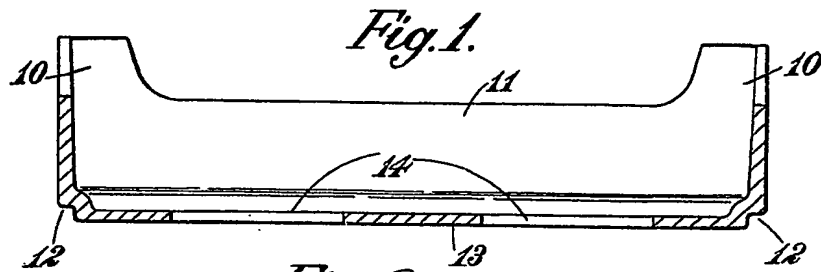
4. A box as claimed in claim 3, wherein

the apertures are of elongated shape.

5. A box substantially as hereinbefore described with reference to and as illustrated in the accompanying drawings.

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